

SUNRISE AND SET FOR 2012 STATION: **DEVANAHALLY** LOCATION E 77°42' N13°11' ZONE 5.5 HRS EAST OF GREEN WITCH

| Day | JAN  |      | FEB  |      | MAR  |      | APR  |      | MAY  |      | JUN  |      | JUL  |      | AUG  |      | SEP  |      | OCT  |      | NOV  |      | DEC  |      |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|     | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  | Rise | Set  |
|     | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  | h m  |
| 1   | 0641 | 1803 | 0646 | 1820 | 0635 | 1828 | 0615 | 1831 | 0558 | 1834 | 0552 | 1843 | 0556 | 1850 | 0605 | 1846 | 0608 | 1830 | 0609 | 1809 | 0613 | 1752 | 0626 | 1751 |
| 2   | 0642 | 1804 | 0646 | 1820 | 0635 | 1828 | 0615 | 1831 | 0558 | 1835 | 0552 | 1843 | 0557 | 1850 | 0605 | 1846 | 0608 | 1829 | 0609 | 1808 | 0613 | 1752 | 0627 | 1751 |
| 3   | 0642 | 1805 | 0645 | 1821 | 0634 | 1828 | 0614 | 1831 | 0557 | 1835 | 0552 | 1843 | 0557 | 1850 | 0605 | 1846 | 0608 | 1829 | 0609 | 1808 | 0614 | 1752 | 0627 | 1751 |
| 4   | 0643 | 1805 | 0645 | 1821 | 0633 | 1828 | 0613 | 1831 | 0557 | 1835 | 0552 | 1844 | 0557 | 1850 | 0605 | 1845 | 0608 | 1828 | 0609 | 1807 | 0614 | 1751 | 0628 | 1751 |
| 5   | 0643 | 1806 | 0645 | 1821 | 0633 | 1829 | 0613 | 1831 | 0557 | 1835 | 0552 | 1844 | 0558 | 1850 | 0605 | 1845 | 0608 | 1827 | 0609 | 1806 | 0614 | 1751 | 0628 | 1752 |
| 6   | 0643 | 1806 | 0645 | 1822 | 0632 | 1829 | 0612 | 1831 | 0556 | 1836 | 0552 | 1844 | 0558 | 1850 | 0605 | 1844 | 0608 | 1827 | 0609 | 1806 | 0615 | 1751 | 0629 | 1752 |
| 7   | 0644 | 1807 | 0645 | 1822 | 0632 | 1829 | 0611 | 1831 | 0556 | 1836 | 0552 | 1844 | 0558 | 1850 | 0606 | 1844 | 0608 | 1826 | 0609 | 1805 | 0615 | 1751 | 0629 | 1752 |
| 8   | 0644 | 1807 | 0644 | 1822 | 0631 | 1829 | 0611 | 1831 | 0556 | 1836 | 0552 | 1845 | 0558 | 1850 | 0606 | 1844 | 0608 | 1825 | 0609 | 1804 | 0615 | 1750 | 0630 | 1752 |
| 9   | 0644 | 1808 | 0644 | 1823 | 0630 | 1829 | 0610 | 1831 | 0555 | 1836 | 0552 | 1845 | 0559 | 1850 | 0606 | 1843 | 0608 | 1825 | 0609 | 1804 | 0616 | 1750 | 0630 | 1753 |
| 10  | 0644 | 1809 | 0644 | 1823 | 0630 | 1829 | 0609 | 1832 | 0555 | 1836 | 0552 | 1845 | 0559 | 1850 | 0606 | 1843 | 0608 | 1824 | 0609 | 1803 | 0616 | 1750 | 0631 | 1753 |
| 11  | 0645 | 1809 | 0644 | 1823 | 0629 | 1829 | 0609 | 1832 | 0555 | 1837 | 0552 | 1846 | 0559 | 1850 | 0606 | 1842 | 0608 | 1823 | 0609 | 1802 | 0617 | 1750 | 0632 | 1754 |
| 12  | 0645 | 1810 | 0643 | 1824 | 0629 | 1829 | 0608 | 1832 | 0554 | 1837 | 0552 | 1846 | 0600 | 1850 | 0606 | 1842 | 0608 | 1822 | 0609 | 1802 | 0617 | 1750 | 0632 | 1754 |
| 13  | 0645 | 1810 | 0643 | 1824 | 0628 | 1829 | 0608 | 1832 | 0554 | 1837 | 0552 | 1846 | 0600 | 1850 | 0607 | 1841 | 0608 | 1822 | 0609 | 1801 | 0617 | 1750 | 0633 | 1754 |
| 14  | 0645 | 1811 | 0643 | 1824 | 0627 | 1830 | 0607 | 1832 | 0554 | 1837 | 0553 | 1846 | 0600 | 1850 | 0607 | 1841 | 0608 | 1821 | 0610 | 1801 | 0618 | 1749 | 0633 | 1755 |
| 15  | 0645 | 1811 | 0642 | 1825 | 0627 | 1830 | 0606 | 1832 | 0554 | 1838 | 0553 | 1847 | 0600 | 1850 | 0607 | 1840 | 0608 | 1820 | 0610 | 1800 | 0618 | 1749 | 0634 | 1755 |
| 16  | 0646 | 1812 | 0642 | 1825 | 0626 | 1830 | 0606 | 1832 | 0553 | 1838 | 0553 | 1847 | 0601 | 1850 | 0607 | 1840 | 0608 | 1820 | 0610 | 1759 | 0619 | 1749 | 0634 | 1756 |
| 17  | 0646 | 1812 | 0641 | 1825 | 0625 | 1830 | 0605 | 1832 | 0553 | 1838 | 0553 | 1847 | 0601 | 1850 | 0607 | 1839 | 0608 | 1819 | 0610 | 1759 | 0619 | 1749 | 0635 | 1756 |
| 18  | 0646 | 1813 | 0641 | 1826 | 0625 | 1830 | 0605 | 1832 | 0553 | 1839 | 0553 | 1847 | 0601 | 1850 | 0607 | 1839 | 0608 | 1818 | 0610 | 1758 | 0620 | 1749 | 0635 | 1757 |
| 19  | 0646 | 1813 | 0641 | 1826 | 0624 | 1830 | 0604 | 1833 | 0553 | 1839 | 0554 | 1848 | 0601 | 1850 | 0607 | 1838 | 0608 | 1817 | 0610 | 1758 | 0620 | 1749 | 0636 | 1757 |
| 20  | 0646 | 1814 | 0640 | 1826 | 0623 | 1830 | 0604 | 1833 | 0553 | 1839 | 0554 | 1848 | 0602 | 1849 | 0607 | 1838 | 0608 | 1817 | 0610 | 1757 | 0620 | 1749 | 0636 | 1757 |
| 21  | 0646 | 1814 | 0640 | 1826 | 0623 | 1830 | 0603 | 1833 | 0552 | 1839 | 0554 | 1848 | 0602 | 1849 | 0607 | 1837 | 0608 | 1816 | 0611 | 1757 | 0621 | 1749 | 0637 | 1758 |
| 22  | 0646 | 1815 | 0639 | 1826 | 0622 | 1830 | 0603 | 1833 | 0552 | 1840 | 0554 | 1848 | 0602 | 1849 | 0608 | 1836 | 0608 | 1815 | 0611 | 1756 | 0621 | 1749 | 0637 | 1758 |
| 23  | 0646 | 1816 | 0639 | 1827 | 0621 | 1830 | 0602 | 1833 | 0552 | 1840 | 0554 | 1849 | 0602 | 1849 | 0608 | 1836 | 0608 | 1814 | 0611 | 1756 | 0622 | 1749 | 0638 | 1759 |
| 24  | 0646 | 1816 | 0638 | 1827 | 0621 | 1830 | 0602 | 1833 | 0552 | 1840 | 0555 | 1849 | 0603 | 1849 | 0608 | 1835 | 0608 | 1814 | 0611 | 1755 | 0622 | 1749 | 0638 | 1800 |
| 25  | 0646 | 1817 | 0638 | 1827 | 0620 | 1830 | 0601 | 1833 | 0552 | 1841 | 0555 | 1849 | 0603 | 1848 | 0608 | 1835 | 0608 | 1813 | 0611 | 1755 | 0623 | 1750 | 0639 | 1800 |
| 26  | 0646 | 1817 | 0637 | 1827 | 0619 | 1830 | 0601 | 1834 | 0552 | 1841 | 0555 | 1849 | 0603 | 1848 | 0608 | 1834 | 0608 | 1812 | 0612 | 1755 | 0623 | 1750 | 0639 | 1801 |
| 27  | 0646 | 1817 | 0637 | 1827 | 0619 | 1831 | 0600 | 1834 | 0552 | 1841 | 0555 | 1849 | 0603 | 1848 | 0608 | 1833 | 0608 | 1812 | 0612 | 1754 | 0624 | 1750 | 0640 | 1801 |
| 28  | 0646 | 1818 | 0636 | 1828 | 0618 | 1831 | 0600 | 1834 | 0552 | 1841 | 0556 | 1849 | 0604 | 1848 | 0608 | 1833 | 0608 | 1811 | 0612 | 1754 | 0624 | 1750 | 0640 | 1802 |
| 29  | 0646 | 1818 | 0636 | 1828 | 0617 | 1831 | 0559 | 1834 | 0552 | 1842 | 0556 | 1850 | 0604 | 1847 | 0608 | 1832 | 0608 | 1810 | 0612 | 1753 | 0625 | 1750 | 0641 | 1802 |
| 30  | 0646 | 1819 |      |      | 0617 | 1831 | 0559 | 1834 | 0552 | 1842 | 0556 | 1850 | 0604 | 1847 | 0608 | 1831 | 0608 | 1810 | 0613 | 1753 | 0626 | 1750 | 0641 | 1803 |
| 31  | 0646 | 1819 |      |      | 0616 | 1831 |      |      | 0552 | 1842 |      |      | 0604 | 1847 | 0608 | 1831 |      |      | 0613 | 1753 |      |      | 0641 | 1803 |

